

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/656,623
Source: 1FW16,
Date Processed by STIC: 1/13/06

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IFW16

RAW SEQUENCE LISTING

DATE: 01/13/2006

PATENT APPLICATION: US/10/656,623

TIME: 12:13:31

Input Set : N:\CrF3\RULE60\10656623.raw

Output Set: N:\CRF4\01132006\J656623.raw

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1 <110> APPLICANT: KUCHERLAPATI, RAJU
2     JAKOBOVITS, AYA
3     KLAPHOLZ, SUE
4     BRENNER, DANIEL G.
5     CAPON, DANIEL J.
6 <120> TITLE OF INVENTION: HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE
7 <130> FILE REFERENCE: CELL 4.8 FWC CPA
8 <140> CURRENT APPLICATION NUMBER: 10/656,623
9 <141> CURRENT FILING DATE: 2003-09-04
10 <150> PRIOR APPLICATION NUMBER: US/08/923,138
11 <151> PRIOR FILING DATE: 1997-09-04
12 <150> PRIOR APPLICATION NUMBER: 08/430,938
13 <151> PRIOR FILING DATE: 1995-04-27
14 <150> PRIOR APPLICATION NUMBER: 08/234,145
15 <151> PRIOR FILING DATE: 1994-04-28
16 <150> PRIOR APPLICATION NUMBER: 08/112,848
17 <151> PRIOR FILING DATE: 1993-08-27
18 <150> PRIOR APPLICATION NUMBER: 08/031,801
19 <151> PRIOR FILING DATE: 1993-03-15
20 <150> PRIOR APPLICATION NUMBER: 07/919,297
21 <151> PRIOR FILING DATE: 1992-07-24
22 <150> PRIOR APPLICATION NUMBER: 07/610,515
23 <151> PRIOR FILING DATE: 1990-11-08
24 <150> PRIOR APPLICATION NUMBER: 07/466,008
25 <151> PRIOR FILING DATE: 1990-01-12
26 <160> NUMBER OF SEQ ID NOS: 22
27 <170> SOFTWARE: PatentIn Ver. 2.1
29 <210> SEQ ID NO: 1
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31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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39 <211> LENGTH: 25
40 <212> TYPE: DNA
41 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
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52 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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56 <210> SEQ ID NO: 4
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58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
62 <220> FEATURE:
63 <221> NAME/KEY: modified_base
64 <222> LOCATION: (21)
65 <223> OTHER INFORMATION: Inosine
66 <400> SEQUENCE: 4
W--> 67      caggtgcagc tggagcagtc ngg                23
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70 <211> LENGTH: 30
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
75 <220> FEATURE:
76 <221> NAME/KEY: modified_base
77 <222> LOCATION: (24)
78 <223> OTHER INFORMATION: Inosine
79 <400> SEQUENCE: 5
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83 <211> LENGTH: 24
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
88 <400> SEQUENCE: 6
89      ttttctttgt tgccgttggg gtgc                24
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92 <211> LENGTH: 259
93 <212> TYPE: DNA
94 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 7
96      agaccctctc actcacctgt gccatctccg gggacagtgt ctctagcaac agtgctgctt 60
97      ggaactggat caggcagtc ccacgcagag gccttgagtg gctgggaagg acatactaca 120
98      ggtccaagtg gtataatgat tatgcagtat ctgtgaaaag tcgaataacc atcaaccag 180
99      acacatccaa gaaccagttc tcctgcagc tgaactctgt gactcccag gacacggctg 240

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105 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 8
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108      ggacctggat caggcagtc ccacgcagag gccttgagt gctgggaagg acatactaca 120
109      ggtccaagtg gtataatgat tatgcagagt ctgtgaaaag tcgcattacc atcaaccag 180
110      acacatccaa gaaccagttc tccctgcagc tcaactctgt gactcccgag gacacggctg 240
111      tttattactg tacaagagat atagcggcag ctggtaccct ctttgactac tggggccagg 300
112      gaaccctggg caccgtctcc tcagcccaaa cgacaccccc atctgtctat ccactggccc 360
113      ctggatctgc tgcccaaact aactccatgg tgacctggg atgacctgtc aggg      414
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 43
117 <212> TYPE: DNA
118 <213> ORGANISM: Homo sapiens
119 <400> SEQUENCE: 9
120      ctttgactac tggggccaag gaaccctggg caccgtctcc tca                                43
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123 <211> LENGTH: 21
124 <212> TYPE: DNA
125 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 10
127      gggatatagc gcagctggta c                                21
129 <210> SEQ ID NO: 11
130 <211> LENGTH: 189
131 <212> TYPE: DNA
132 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 11
134      aactacttag cttggtacca gcagaaacca ggacagcctc ctaagctgct catttactgg 60
135      gcactctacc gggaatccgg ggtccctgac cgattcagtg gcagcgggtc tgggacagat 120
136      ttcactctca ccacgcagc cctgcaggct gaagatgtgg cagtttatta ctgtcagcaa 180
137      tattatagt                                189
139 <210> SEQ ID NO: 12
140 <211> LENGTH: 351
141 <212> TYPE: DNA
142 <213> ORGANISM: Homo sapiens
143 <400> SEQUENCE: 12
144      aactacttag cttggtacca acagaaacca ggacagcctc ctaaactgct catttactgg 60
145      gcactctacc gggaatccgg ggtccctgac cgattcagtg gcagcgggtc tgggacagat 120
146      ttcactctca ccacgcagc cctgcaggct gaagatgtgg cactttatta ctgtcaccaa 180
147      tattatagtc ttccgctcac ttccggcgga gggaccaagg tggagatcaa acgaactgtg 240
148      gctgcaccat ctgtcttcac cttcccgcca tctgatgagc agttgaaatc tggatactgc 300
149      ctctgttgtg tgacctgtga ataacttcta tcccagagag gccaaagtac a      351
151 <210> SEQ ID NO: 13
152 <211> LENGTH: 38
153 <212> TYPE: DNA
154 <213> ORGANISM: Homo sapiens

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155 <400> SEQUENCE: 13
156      gctcactttc ggccggaggga ccaaggtgga gatcaaac      38
158 <210> SEQ ID NO: 14
159 <211> LENGTH: 302
160 <212> TYPE: DNA
161 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 14
163      gacatcgtga tgacccagtc tccagactcc ctggctgtgt ctctgggcca gagggccacc 60
164      atcaactgca agtccagcca gagtgtttta tacagctcca acaataagaa ctacttagct 120
165      tgggtaccagc agaaaccagg acagcctcct aagctgctca tttactgggc atctaccggg 180
166      gaatccgggg tccctgaccg attcagtggc agcgggtctg ggacagattt cactctcacc 240
167      atcagcagcc tgcaggctga agatgtggca gtttattact gtcagcaata ttatagtact 300
168      cc      302
170 <210> SEQ ID NO: 15
171 <211> LENGTH: 442
172 <212> TYPE: DNA
173 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 15
175      accatcaact gcaagtccag ccagagtgtt ttgtacactt ccagcaataa gaactactta 60
176      gcttggtacc agcagaaacc aggacagcct cctaaactac tcatttactg ggcactctacc 120
177      cggaatccg gggtcctga ccgattcagt ggcagcgggt ctgggacaga tttcactctc 180
178      accatccgca gcctgcaggc tgaagatgtg gcagtttatt actgtcagca atattatact 240
179      attccattca atttcggccc tgggaccaga gtggatatca aacgaactgt ggctgcacca 300
180      tctgtcttca tcttcccgcc atctgatgag cagttgaaat ctggaactgc ctctgttggtg 360
181      tgctgtctga ataacttcta tcccagagag gccaaagtac agtgggaagggt ggataacgcc 420
182      ctccaatcgg gttggggaaa aa      442
184 <210> SEQ ID NO: 16
185 <211> LENGTH: 38
186 <212> TYPE: DNA
187 <213> ORGANISM: Homo sapiens
188 <400> SEQUENCE: 16
189      attcactttc ggccctggga ccaaagtgga tatcaaac      38
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192 <211> LENGTH: 149
193 <212> TYPE: DNA
194 <213> ORGANISM: Homo sapiens
195 <400> SEQUENCE: 17
196      gaactgtggc tgcaccatct gtcttcatct tcccgccatc tgatgagcag ttgaaatctg 60
197      gaactgcctc tgttggtggtc ctgctgaata acttctatcc cagagaggcc aaagtacagt 120
198      ggaaggtgga taacgccctc caatcgggt      149
200 <210> SEQ ID NO: 18
201 <211> LENGTH: 259
202 <212> TYPE: DNA
203 <213> ORGANISM: Homo sapiens
204 <400> SEQUENCE: 18
205      agaccctctc actcacctgt gccatctccg gggacagtgt ctctagcaac agtgctgctt 60
206      ggaactggat caggcagtc ccacgcagag gccttgagtg gctgggaagg acatactaca 120
207      ggtccaagtg gtataatgat tatgcagtat ctgtgaaaag tcgaataacc atcaaccagg 180
208      acacatccaa gaaccagttc tccctgcagc tgaactctgt gactcccag gacacggctg 240

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209      tgtattactg tgcaagaga                                259
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212 <211> LENGTH: 400
213 <212> TYPE: DNA
214 <213> ORGANISM: Homo sapiens
215 <400> SEQUENCE: 19
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217      ggaactggat caggcagtcc ccatcgagag gccttgagtg gctgggaagg acatactaca 120
218      ggtccaagtg gtataatgat tatgcagttt ctgtgaaaag tcgaataacc atcaaccag 180
219      acacatccaa gaaccagttc tccctgcagc tgaactctgt gactcccgag gacacggctg 240
220      tgtattactg tgcaagagat atagcagtgg ctggcgctct ctttgactgc tggggccagg 300
221      gaaccctggg caccgtctcc tcagggagtg catccgcccc aacccttttc cccctcgtct 360
222      cctgtgagaa ttccccgtcg gatacgagca gcgtggccgt                                400
224 <210> SEQ ID NO: 20
225 <211> LENGTH: 43
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 20
229      ctttgactac tggggccaag gaaccctggg caccgtctcc tca                                43
231 <210> SEQ ID NO: 21
232 <211> LENGTH: 15
233 <212> TYPE: DNA
234 <213> ORGANISM: Homo sapiens
235 <400> SEQUENCE: 21
236      tatagcagca gctgg                                15
238 <210> SEQ ID NO: 22
239 <211> LENGTH: 77
240 <212> TYPE: DNA
241 <213> ORGANISM: Homo sapiens
242 <400> SEQUENCE: 22
243      gggagtgcac ccgccccaac ccttttcccc ctcgctctct gtgagaattc cccgtcggat 60
244      acgagcagcg tggccgt                                77

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : N:\Crf3\RULE60\10656623.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 21

Seq#:5; N Pos. 24

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10656623.raw

Output Set: N:\CRF4\01132006\J656623.raw

L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0